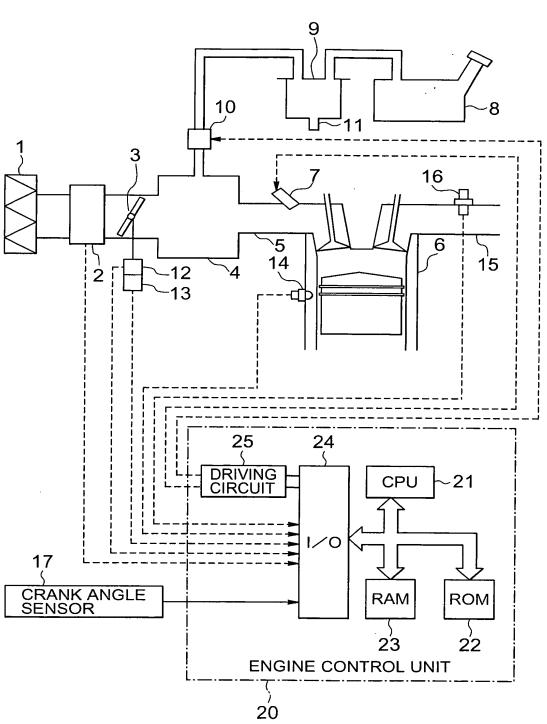
FIG. 1



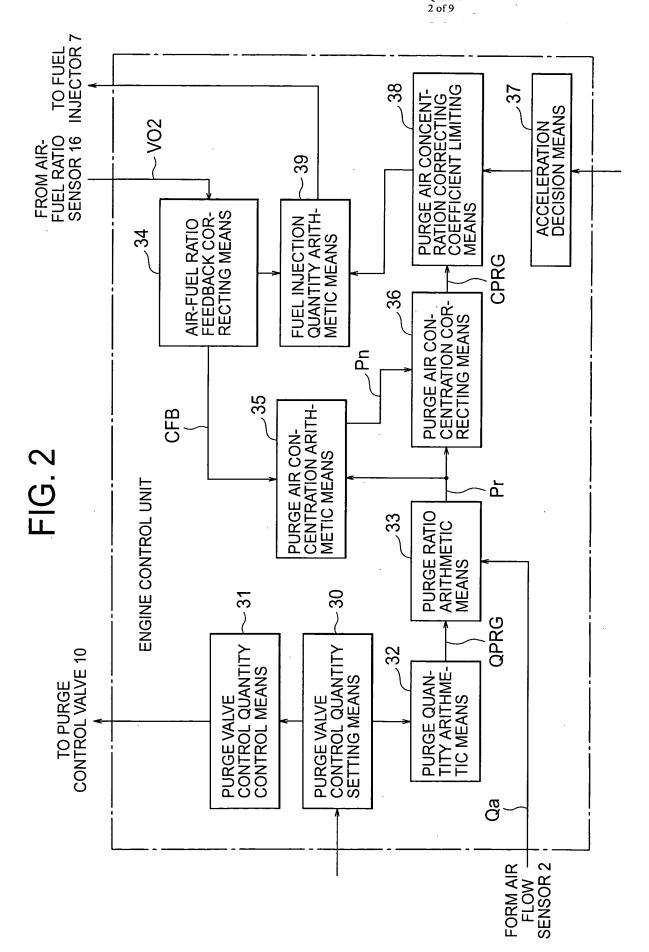


FIG. 3

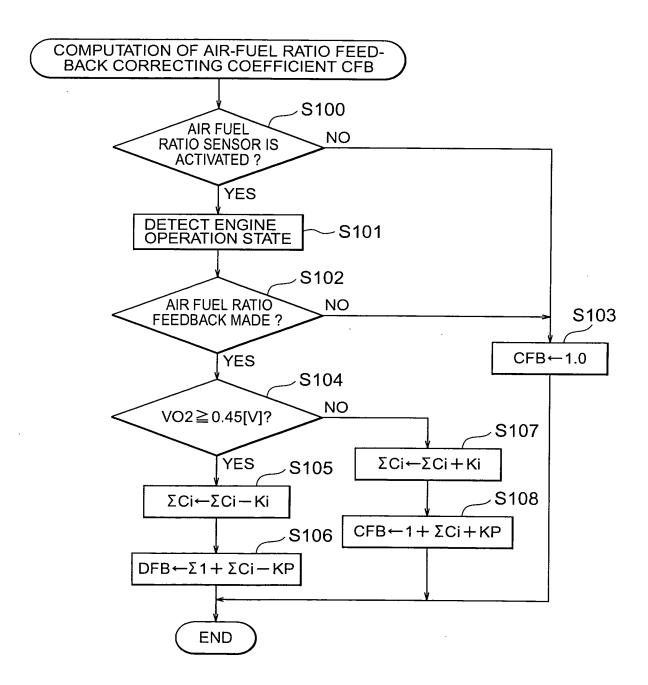


FIG. 4

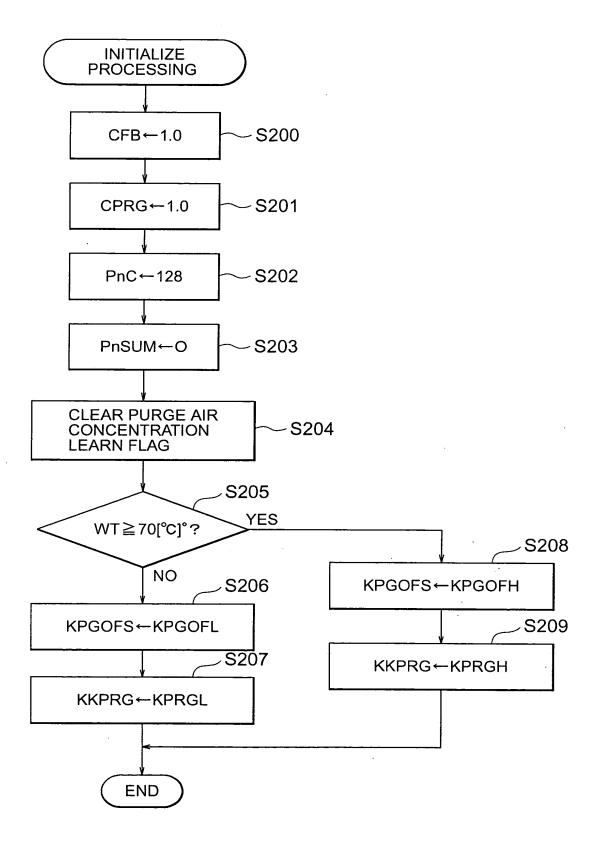
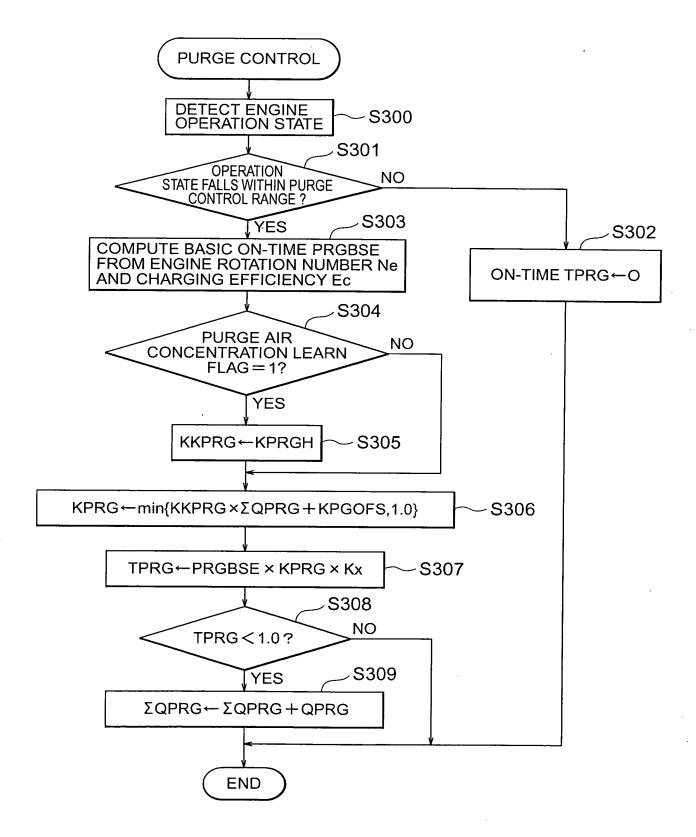


FIG. 5



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UNIT: [g/sec]

1.066

0.278

FIG. 6

BASIC ON-TIME PRGBSE (Ne, Ec) UNIT: [m											
CHARGING	ENGINE ROTATION NUMBER No [rpm]										
EFFICIENCY Ec [%]	1000	1250	1500	2000	2500	3000	3500	4000			
6.25	0	0	0	0	13	15	20	20			
12.50	0	0	0	0	23	26	30	37			
18.75	15	18	21	27	34	39	46	54			
25.00	19	23	27	36	43	50	60	70			
37.50	29	36	42	56	68	80	93	107			
50.00	46	57	68	90	103	120	143	167			
62.50	80	100	120	158	200	214	255	255			
75.00	255	255	255	255	255	255	255	255			

FIG. 7

BASIC ON-TIME QPRGBSE (Ne, Ec)

62.50

75.00

0.294

0.260

0.368 | 0.442

0.153

	CHARGING EFFICIENCY - Ec [%]	ENGINE ROTATION NUMBER No[rpm]							
		1000	1250	1500	2000	2500	3000	3500	4000
	6.25	0.000	0.000	0.000	0.000	0.075	0.087	0.102	0.120
	12.50	0.000	0.000	0.000	0.000	0.146	0.178	0.204	0.234
	18.75	0.089	0.111	0.133	0.176	0.224	0.269	0.311	0.359
	25.00	0.121	0.148	0.178	0.238	0.293	0.350	0.414	0.477
	37.50	0.179	0.226	0.265	0.356	0.445	0.535	0.623	0.720
	50.00	0.240	0.300	0.358	0.481	0.582	0.701	0.831	0.975

0.581

0.166 0.179

0.736

0.268

0.856 | 1.000

0.260 0.191

FIG. 8

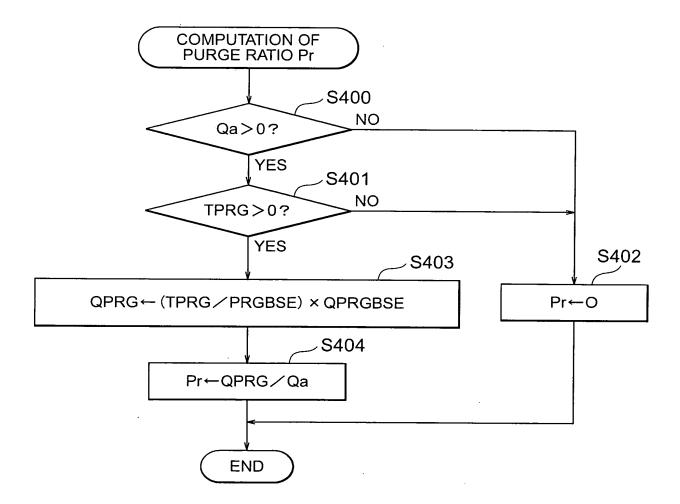


FIG. 9

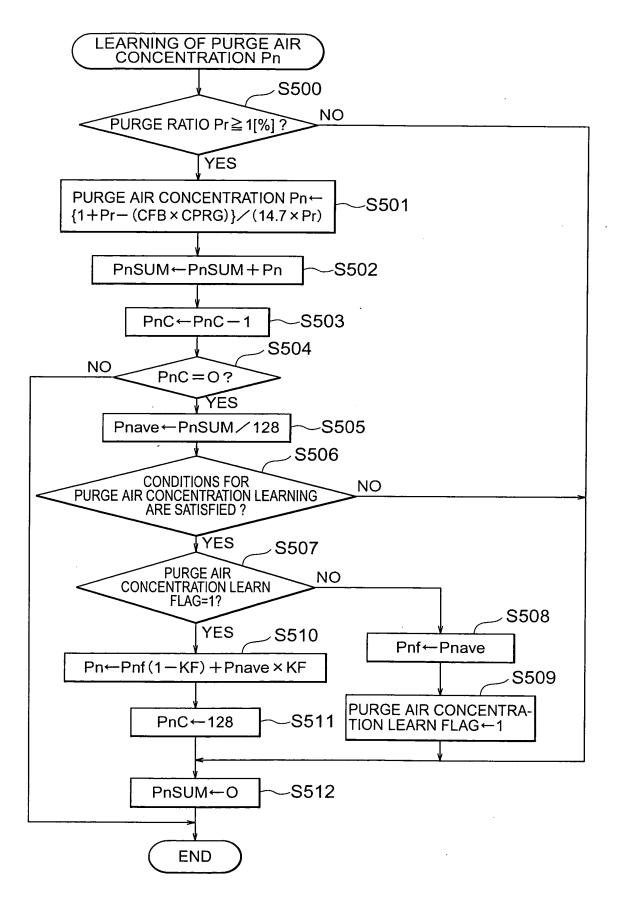


FIG. 10

